

Serial No. 10/724809
Atty. Doc. No. 2002P19186US

Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) A method for operating a gas turbine with a fossil-fuel fired combustion chamber comprising:

dividing exhaust gas exiting the gas turbine into a first and a second partial stream;

mixing the first partial stream with combustion air;

channeling the resulting mixture back to the combustion chamber; and

feeding the second partial stream to a carbon dioxide precipitation plant;

wherein the exhaust gas is cooled before being divided into the first and second partial stream and water forming during this process is removed;

wherein cooling of the exhaust gas takes place in at least a first and a second cooling stage;
and

wherein the exhaust gas is channeled after exiting the gas turbine to a waste-heat steam generator for generating process steam for a steam turbine, then to the first cooling stage.

2. (canceled).

3. (canceled).

4. (canceled).

5. (currently amended) A method according to ~~Claim 4~~claim 1, wherein the first cooling stage is operated by means of a coolant which is also used as a coolant of a condenser into which expanded steam exiting the steam turbine is introduced.

6. (previously presented) A method according to Claim 1, wherein the carbon dioxide precipitation plant incorporates a cooling process for cooling the second partial stream.

7. (previously presented) A method according to Claim 1, wherein carbon dioxide precipitated by the carbon dioxide precipitation plant is channeled to a storage facility.

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8. (currently amended) A method according to Claim 7, wherein the carbon dioxide is stored in a liquid ~~and/or solid aggregate state, in particular a frozen state.~~

9. (currently amended) A device for operating a gas turbine with a fossil-fuel fired combustion chamber comprising:

a branching device dividing exhaust gas exiting the gas turbine into a first and a second partial stream;

a mixing device for mixing the first partial stream with combustion air and channeling the ~~first partial~~ resultant mixture stream to the combustion chamber; ~~and~~

a carbon dioxide precipitation plant adapted to be fed by the second partial stream; and

a cooling device located upstream of the branching device to cool the exhaust gas and to remove water precipitated during this process, wherein the cooling device has at least a first and a second cooling stage; and a waste-heat steam generator located downstream of the gas turbine and upstream of the first cooling stage adapted to generate process steam for a steam turbine.

10. (canceled).

11. (canceled).

12. (canceled).

13. (currently amended) A device according to Claim 12, further comprising: a condenser located downstream of the steam turbine, the first cooling stage being capable of being operated by a coolant which is also used as a coolant of the condenser.

14. (previously presented) A device according to Claims 9, wherein the carbon dioxide precipitation plant is embodied as a refrigeration plant to cool the second partial stream.

15. (previously presented) A device according to Claims 9, further comprising: a storage facility in which carbon dioxide precipitated by the carbon dioxide precipitation plant can be stored.

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16. (currently amended) A device according to Claim 15, wherein the storage facility is embodied for storing at least one of the group of liquid and/or and solid carbon dioxide.

17. (currently amended) A method according to Claim 21, wherein the carbon dioxide precipitation plant incorporates a cooling process for cooling the second partial stream.

18. (currently amended) A method according to Claim 21, wherein carbon dioxide precipitated by the carbon dioxide precipitation plant is channeled to a storage facility.

19. (previously presented) A device according to Claim 16, wherein the storage facility is embodied for storing frozen carbon dioxide.

20. (currently amended) A device according to Claim 109, wherein the carbon dioxide precipitation plant is embodied as a refrigeration plant to cool the second partial stream.